



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D4121-5

Job Sheet 193485



split 1

Part No: D4121-5

Job Qty: 8 pcs

Part Name: Hose Assembly



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 4/15/19

Job Tracking No:

Created By: Marie Lajeunesse

Due Date: 4/30/19

Description:

Note: DWG REV D IPP REV:A NEW ISSUE 10-10-05 JLM VERIFIED BY:DD IPP REV:B AS PER ECN 11-598 11-06-05 JLM VERF:DD IPP REV:C 11.11.16 AS PER DWG REV.D DD VERF:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard Setup Hrs	Run Hrs	Workcenter/Supplier	Sign-off
100	Purchasing	8 pcs	4/30/19		0.00	0.00	Purchasing - 1	
	APR 16 2019	DAS 13 9-89	P10:04/30/21		8		Purchasing - 2	
							Purchasing - 3	
110	Packaging 2-1 - Receive - B4B	8 pcs	4/30/19		0.00	0.00	Packaging 2 - 1 - B4B	
							Packaging 2 - 2 - B4B	
							Packaging 2 - 3 - B4B	
							Packaging 2 - 5 - B4B	
							Packaging 2 - 4 - B4B	
							Packaging 2 - 6 - B4B	
							Packaging 2 - 7 - B4B	
							Packaging 2 - 8 - B4B	
							Packaging 2 - 9 - B4B	
							Packaging 2 - 10 - B4B	
							Packaging 2 - 11 - B4B	
							Packaging 2 - 12 - B4B	
							Packaging 2 - 13 - B4B	
							Packaging 2 - 14 - B4B	
							Packaging 2 - 15 - B4B	
							Packaging 2 - 16 - B4B	
							Packaging 2 - 17 - B4B	
							Packaging 2 - 18 - B4B	
							Packaging 2 - 19 - B4B	
							Packaging 2 - 20 - B4B	
							Packaging 2 - 21 - B4B	
							Packaging 2 - 22 - B4B	
							Packaging 2 - 23 - B4B	
							Packaging 2 - 24 - B4B	
							Packaging 2 - 25 - B4B	
							Packaging 2 - 26 - B4B	
							Packaging 2 - 27 - B4B	



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1270 Aberdeen Street
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CANADA
TEL.: 1 813 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Container No: S180506



Part: D4121-5

Job No: 193485

Serial No/Batch: S180506

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Date: 05/13/19

						Packaging 2 - 28 - B4B	
						Packaging 2 - 29 - B4B	
						Packaging 2 - 30 - B4B	
						Packaging 2 - 31 - B4B	
						Packaging 2 - 32 - B4B	
						Packaging 2 - 33 - B4B	
						Packaging 2 - 34 - B4B	
						Packaging 2 - 35 - B4B	
						Packaging 2 - 36 - B4B	
120	QC 6	8 pcs	4/30/19	0.00	0.00	QC 6 - 9	
						QC 6 - 68	
						QC 6 - 61	
						QC 6 - 40	
130	Small Fab - 2 - B4B	8 pcs	4/30/19	0.00	0.84	Small Fab - 1 - B4B	
						Small Fab - 2 - B4B	
						Small Fab - 3 - B4B	
						Small Fab - 4 - B4B	
						Small Fab - 5 - B4B	
						Small Fab - 6 - B4B	
						Small Fab - 7 - B4B	
140	QC 5	8 pcs	4/30/19	0.00	0.00	QC 5 - 10	
						QC 5 - 12	
						QC 5 - 17	
						QC 5 - 18	
						QC 5 - 19	
						QC 5 - 22	
						QC 5 - 24	
						QC 5 - 3	
						QC 5 - 43	
						QC 5 - 49	
						QC 5 - 51	
						QC 5 - 58	
						QC 5 - 68	
						QC 5 - 9	
						QC 5 - 50	
						QC 5 - 30	
						QC 5 - 40	
150	Packaging 3-1 - Stock - B4B	8 pcs	4/30/19	0.00	0.00	Packaging 3 - 1 - B4B	
						Packaging 3 - 2 - B4B	
						Packaging 3 - 3 - B4B	
						Packaging 3 - 4 - B4B	
						Packaging 3 - 5 - B4B	
						Packaging 3 - 6 - B4B	
						Packaging 3 - 7 - B4B	
						Packaging 3 - 8 - B4B	
						Packaging 3 - 9 - B4B	
						Packaging 3 - 10 - B4B	
						Packaging 3 - 11 - B4B	
						Packaging 3 - 12 - B4B	
						Packaging 3 - 13 - B4B	
						Packaging 3 - 14 - B4B	
						Packaging 3 - 15 - B4B	
						Packaging 3 - 16 - B4B	
						Packaging 3 - 17 - B4B	
						Packaging 3 - 18 - B4B	
						Packaging 3 - 19 - B4B	
						Packaging 3 - 20 - B4B	
						Packaging 3 - 21 - B4B	
						Packaging 3 - 22 - B4B	

				Packaging 3 - 23 - B4B	
				Packaging 3 - 24 - B4B	
				Packaging 3 - 25 - B4B	
				Packaging 3 - 26 - B4B	
				Packaging 3 - 27 - B4B	
				Packaging 3 - 28 - B4B	
				Packaging 3 - 29 - B4B	
				Packaging 3 - 30 - B4B	
				Packaging 3 - 31 - B4B	
				Packaging 3 - 32 - B4B	
				Packaging 3 - 33 - B4B	
				Packaging 3 - 34 - B4B	
				Packaging 3 - 35 - B4B	
				Packaging 3 - 36 - B4B	
160 QC 21 - SA	8 pcs	4/30/19	0.00 0.00	QC 21 - SA - 21	
				QC 21 - SA - 70	
				QC 21 - SA - 53	

Part Op 100 - (Purchasing) Create D2729-1 label and include with W/O
 Descriptions: 110 - (Receive & Inspect for Damage & Mat'l Certs) Ensure Material Release Note is attached
 120 - (QC6- All purchased or subcontracted products)
 130 - (Small Fab) Install D2729-1 as per Dwg D4121
 140 - (QC5- Inspect part completeness to step on W/O)
 150 - (Identify as per dwg & Stock Location: _____)
 160 - (QC21- Final Inspection - Work Order Release)

Job BOM				
Part / Item	Component Name	Quantity	Operation	Container
156062D1054D000	Hose Assembly D4121-5	8 pcs (1 ea)	100-Purchasing	5180501
D2182-045	Heat Shrink 4.5" Long	8 pcs (1 ea)	130-Small Fab - 2 - B4B	

Job Allocations				
Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	156062D1054D000	8	0	0
130-Small Fab - 2 - B4B	D2182-045	8	32	0

Part Specifications
Specifications could not be found.

Plex 4/15/19 4:05 PM Dart.lajeunesse.marie

Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐



Job: _____ Part No. _____		DISPOSITION			DEPARTMENT/PROCESS														
		Rework ☐ Scrap ☐ Use-as-is ☐			Skid-tube ☐ Machining ☐ Large Fab ☐		Cross tube ☐ Small Fab ☐ Finishing ☐		Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐		Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐								
Date :	Sequence #:	QTY Affected :		MRB (QS1042)															
Description Work Order Deviation				Disposition															
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Preservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐				FAULT CATEGORY															
				Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Other/Details: _____				Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐				Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐				Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread ☐			
				Completed By _____															
				Lead hand / Supervisor _____															
				QC / QA Coordinator _____															



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PURCHASE ORDER

PO043221



Supplier: AVI002-VU
Aviall
PO BOX 842267
Dallas, TX 75284-2267 USA
Phone: 905-676-1695
Fax: 905-676-9046

PO No: PO043221
PO Date: 4/16/19
Due Date: 4/30/19
Purchase Order
Revision:
Revision Date:
Ship-To Contact: Phone:

APR 17 2019

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Via: Ground
Pymt Terms: Net 30
Freight Terms:
Special Comments:

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
1	193483	156003-6D0274	156003-6D0274	Hose Assembly D4121-1 As per Dwg D4121 Rev. D.	Firmed	-	4/30/19	12 pcs	0 pcs	12 pcs	\$251.04/pcs	\$3,012.48
2	193484	156003-6D0590	156003-6D0590	Hose Assembly D4121-3 As Per Dwg D4121 Rev. D	Firmed	-	4/30/19	8 pcs	0 pcs	8 pcs	\$308.00/pcs	\$2,464.00
3	193485	156062D1054D000	156062D1054D000	Hose Assembly D4121-5 As Per Dwg D4121 Rev. D	Firmed	-	4/30/19	8 pcs	0 pcs	8 pcs	\$530.71/pcs	\$4,245.68
4		736	1/pk	Heat Resistant Sealant 3 OZ tube	Firmed	-	4/30/19	55 Ea	0 Ea	55 Ea	\$7.93/Ea	\$436.15
Line Item Note 61.23% shelf life - 559 days expires Oct 26 2020												
5		AN6C12A		Bolt	Firmed	-	4/30/19	100 Ea	0 Ea	100 Ea	\$1.8843/Ea	\$188.43
6		MS21044N04	25/pk	Nut receive ea	Firmed	-	4/30/19	50 Ea	0 Ea	50 Ea	\$0.27/Ea	\$13.50
7		MS21919WCH16		Clamp	Firmed	-	4/30/19	30 Ea	0 Ea	30 Ea	\$1.03/Ea	\$30.90
8		MS21919WCH4		Clamp	Firmed	-	4/30/19	30 Ea	0 Ea	30 Ea	\$0.70/Ea	\$21.00
9		MS21919WCH9		Clamp	Firmed	-	4/30/19	30 Ea	0 Ea	30 Ea	\$1.66/Ea	\$49.80
10		NAS1149D0463J		Washer	Firmed	-	4/30/19	1,000 Ea	0 Ea	1,000 Ea	\$0.0289/Ea	\$28.90
11		PR1425B1/2		Sealant : Self life required at 70%	Firmed	-	4/30/19	10 Ea	0 Ea	10 Ea	\$62.00/Ea	\$620.00

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PURCHASE ORDER

PO043221



Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (USD)	Extended Price
Grand Total:												\$11,110.84

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

- A005 RIGHT OF ENTRY
- A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
- A012 CHEMICAL AND PHYSICAL TEST REPORTS
- A016 PERSONNEL QUALIFICATION
- A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
- A026 CERTIFICATION OF MATERIAL CONFORMANCE
- A041 QUALITY MANAGEMENT SYSTEM
- A042 DART NOTIFICATION BY SUPPLIER
- A043 RETENTION OF QUALITY DOCUMENT
- A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
- A049 SUPPLIER AWARENESS

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PACKING LIST



DELIVERY NUMBER: 8007252005

ROUTE: US FedEx International Priority

PAGE: 1 of 1
DATE: 08MAY19
TIME: 13:05:27
EMP: 00000000
ORD TYP: ZOR 132
CURRENCY: USD
TERMS: Net 30

CUSTOMER PO: PO043221
ORDER NUMBER: 1004986280
ORDER DATE: 17APR19

B 10003951
I DART AEROSPACE LTD
L 1270 ABERDEEN STREET
L HAWKESBURY ON K6A 1K7
T CANADA
O

S 10003951
H DART AEROSPACE LTD
I 1270 ABERDEEN STREET
P HAWKESBURY ON K6A 1K7
T CANADA
O

S 1009
H AVIALL DALLAS HOSE SHOP
I DALLAS HOSE SHOP
P 2755 REGENT BLVD
F DFW AIRPORT TX 75261
R USA
M

LINE	PO LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	QUANTITY BACK ORDER	UOM	CUSTOMER PRICE	EXTENDED CUSTOMER PRICE
00010	0	1S	156062D1054D000 HOSE: MED PRESSURE, RUBBER	8	8	0	EA	530.71	4,245.68
BATCH 100191109				8					
Customer Material No: 156062D1054D000									

RECEIVED
MAY 10 2019
DART AEROSPACE LTD.

This is not an Invoice.
For payment processing, please refer to Invoice.

The recipient of these goods agrees to comply with all export regulations governing the transfer, sale, lease, or use of these goods.
Diversification contrary to U.S. Law is prohibited.

CERTIFICATE OF CONFORMANCE

It is hereby certified that Aviall Services, Inc. is an approved distributor and meets all requirements of ISO9001, AS9100, AS9120 and AC 00-56 at 2750 Regent Blvd, DFW Airport, Texas. The products, articles or parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, MIL Spec or Commercial). The Original Manufacturers' Certifications are maintained on file at our central office location, and copies are available upon request or at Aviall.com. For overhauled or repaired products, articles or parts, the original FAA 8130-3 / EASA Form 1 (Return to Service) or Yellow Tag, from the FAA/EASA/CAASA approved Air Agency are attached to the component.

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL
RETURNED MERCHANDISE SUBJECT TO HANDLING
FEE.
THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH
THE PROVISIONS OF THE FAIR LABOR ACT OF 1938
AMENDED.

CUSTOMER COPY

AV20 RS-06

08MAY19
Date



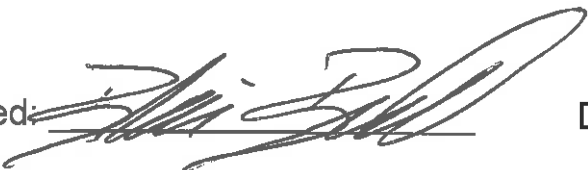
Hose Shop 2755 Regent Blvd. DFW Airport 75261
Phone 972-586-1380 Fax 972-586-1381 www.aviall.com

TSO CERTIFICATION

It is hereby certified that (A) The parts and/or materials reflected herein were produced under Federal Aviation Administration approved manufacturing and quality control system/methods as set forth in the FAA issued technical standard order authorizations (TSOA) issued to Stratoflex and (B) such part and/or materials are new and are in condition for safe operation.

Customer Order Number: 1004986280

1. 156062D1054D000 QTY 8

Signed: 

Date: 5-8-19

Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43. If applicable, satisfactory compliance with the conditions and tests required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.

FORM# CERT -001

Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. NCR19-7111Route update only ☐Job: 193485Part No. 04121-5

DISPOSITION

Rework ☐

Scrap ☐

Use-as-is ☐

DEPARTMENT/PROCESS

Skid-tube ☐

Machining ☐

Large Fab ☐

Cross tube ☐

Small Fab ☐

Finishing ☐

Eng. (Non-AW) ☐

Prod. Eng. Coord. ☐

Rec/Store/Packaging ☐

Engineering ☐

Water Jet ☐

Supplier ☒

Quality ☐

Date: MAY 24 2019Sequence #: 120QTY Affected: 1 of 8MRB (QS1042) SP MAY 24 2019

Description Work Order Deviation

Disposition

Found on P0043221 qty 1 hose was too long
 is 110" supposed to be 105.5"

-return to supplier

Completed By 40 MAY 24 2019
9-89Lead hand / Supervisor DAS 68 9-89

OCT 01 2019

QC / QA Coordinator 68 9-89

MAY 30 2019

Root Cause

Operator ☒

Manufacturing Process ☐

Equip/Tooling ☐

Handling/Preservation ☐

Material ☐

Product Improvement ☐

Process Improvement ☐

Human Factors ☐

FAULT CATEGORY

Pressure/Forced ☐

Bending ☐

Crushing ☐

Cracks ☐

Crimp/Kink/Ripple/Wave/Twist ☐

Marks/Chatter ☐

Mislabeled ☐

Other/Details: _____

Contamination ☐

Misaligned/off center ☐

BOM/Route ☐

Broken/Damage/Defect ☐

Incomplete/Unclear Instructions ☐

Drill Holes ☐

Fit/Function ☐

Power Loss/Surge ☐

Folio/Program ☐

Grain Direction ☐

Weld ☐

Wrong Stock Pulled ☐

Out of Sequence ☐

Off-set/Set-up ☐

Positioned Wrong ☐

Outside Tolerance ☒

Drawing ☐

Finish ☐

Part Lost/Missing ☐

Misread ☐